



Seminar Software

The Society for Computer Simulation International (SCS), San Diego, California is a professional level technical society dedicated to distributing information on the methodology, techniques and uses of computer simulation.

A major SCS goal is technical interchange among government, industry and academia. To that end, SCS holds frequent conferences and seminars on the latest technological areas wherein simulation is emerging as a significant tool in research, development or testing.

A useful aid employed in a series of professional seminars by Mary Lou Padgett, SCS vice

president for North America, is a NASA program called NETS (Neural Network Development Tool). Developed by Johnson Space Center, NETS is a software system modeled after the human brain; it is designed to help scientists exploring artificial intelligence to solve problems that involve pattern matching.

The seminars, intended for professional people who are familiar with neural networks to varying degrees, promote technology transfer and encourage those interested in applications to use neural networks like NETS. Padgett gives participants examples that they can

manipulate, alter or enhance for their own applications. Padgett, at right in the photo *below*, is shown conducting a seminar on NETS usage.

NETS was supplied to Padgett by NASA's Computer Software Management and Information Center (COSMIC)*, which makes available to businesses and other organizations, at relatively low cost, government-developed computer programs that have secondary applicability (see page 140). •

* COSMIC is a registered trademark of the National Aeronautics and Space Administration.

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